



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
ATTY. DOCKET NO. 14363

In re Patent Application of Charles J. DOILLON et al.

Serial No. *10/606,796*

Group Art Unit:

Filed: June 27, 2003

Examiner:

For: **CORNEAL IMPLANT AND USES THEREOF**

INFORMATION DISCLOSURE STATEMENT

This Information Disclosure Statement is being filed in the manner prescribed by 37 CFR 1.97(b) - (d) to satisfy the duty under 37 CFR 1.56 to disclose to the Office information, known to individuals associated with the filing and prosecution of the subject application, which is material to the examination of the application.

In accordance with 37 CFR 1.97(g) and (h), this statement is not to be construed as a representation that a search has been made or an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 CFR 1.56(b).

In compliance with 37 CFR 1.98(a)(1), a list of all patents, publications or other information submitted for consideration by the Office is hereby provided by way of the attached Form PTO 1449.

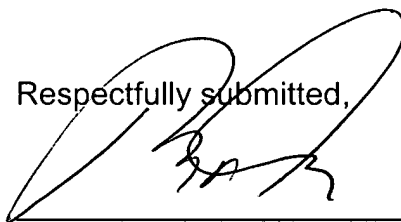
In compliance with 37 CFR 1.98(a)(2), also enclosed is a legible copy of:

- i) each United States and foreign patent;
- ii) each publication or that portion which caused it to be listed; and
- iii) all other information or that portion which caused it to be listed, excluding any copies of a United States patent application.

It is respectfully requested that the information be expressly considered by the Examiner and that the references be made of record and appear among the "References Cited" on any patent to issue therefrom.

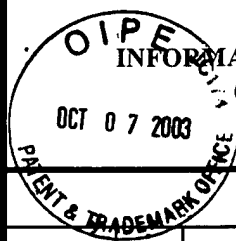
The Patent Office is hereby authorized to charge any deficiency, or credit any overpayment in fees to Deposit Account Number

Respectfully submitted,



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Encls.: Form PTO-1449
All references listed on Form PTO-1449
Acknowledgement Card



INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Docket Number (Optional)

14363

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Applicant(s)

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	1.	U.S. Appl. 20010018612		Daniel R. Carson et al.			08/30/2001
	2.	U.S. 6,238,688	05/29/2001	Wu et al.			
	3.	U.S. 6,102,946	08/15/2000	Nigam			
	4.	U.S. 6,030,634	02/29/2000	Wu et al.			
	5.	U.S. 6,005,160	12/21/1999	Hsiue et al.			
	6.	U.S. 5,994,133	11/30/1999	Meijs et al.			
	7.	U.S. 5,843,185	12/01/1998	Leon Rolden et al.			
	8.	U.S. 5,661,194	08/26/1997	Ando et al.			
	9.	U.S. 5,458,819	10/17/1995	Chirila et al.			
	10.	U.S. 5,436,135	07/25/1995	Tayot et al.			
	11.	U.S. 5,433,745	07/18/1995	Graham et al.			

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
	12.	WO 99/37752	07/29/1999	PCT International				

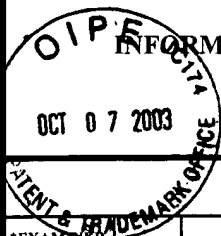
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	13.	S. Shimmura et al. Biocompatibility of Collagen-Based Blended Biomaterials, Invest Ophthalmol Vis Sci 2002;43: E-Abstract 2997, pp 1-2.
	14.	May Griffith et al., Functional Human Corneal Equivalents Constructed from Cell Lines, December 10, 1999, Vol. 286: pp 2169-2172.

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DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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	15.	U.S. 5,300,116	04/05/1994	Chirila et al.			
	16.	U.S. 5,201,764	04/13/1993	Kelman et al.			
	17.	U.S. 5,114,627	05/19/1992	Civerchia			
	18.	U.S. 5,112,350	05/12/1992	Civerchia et al.			
	19.	U.S. 4,780,409	10/25/1998	Monji et al.			
	20.	U.S. 4,702,244	10/27/1987	Mazzocco			
	21.	U.S. 4,581,030	04/08/1986	Bruns et al.			

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	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

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	22.	Jean-Marc Legeais et al., Nineteen Years of Penetrating Keratoplasty in the Hotel-Dieu Hospital in Paris, 2001 Cornea 20: pp 603-606.
	23.	Jean-Marc Legeais et al., A second generation of artificial cornea (Biokpro II), Biomaterials 19 (1998) pp 1517-1522.

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Yoichi Minami et al., Reconstruction of Cornea in Three-Dimensional Collagen Gel Matrix Culture, Invest. Ophthal. & Visual Science, June 1993, Vol. 34 No. 7; pp 2316-2324.

Teruo Miyata et al., Collagen Engineering for Biomaterial Use; Clin. Mat. 9 (1992): pp 139-148.

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Vickery Trinkaus-Randal et al., Implantation of a Synthetic Cornea, Artificial Organs 21(11): 1185-1191.

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Kaarina Tervo et al., Recovery of Corneal Innervation Following Photorefractive Keratoablation, Arch Ophthalmol/Vol 112, 1994: pp 1466-1469.

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